



PRODUCT-DETAILS

E1.2C 1000 Ekip Dip LI 3p F F

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| General Information   |   |
|-----------------------|---|
| Extended Product Type | E1.2C 1000 Ekip Dip LI 3p F F   |
| Product ID            | 1SDA070791R1  |
| EAN                   | 8015644746414   |
| Catalog Description   | E1.2C 1000 Ekip Dip LI 3p F F   |
| Long Description      | C.BREAKER SACE EMAX2 E1.2C 1000 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/DIP-LI R 1000 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED |

| ABB EcoSolutions |     |
|------------------|-----|
| ABB EcoSolutions | Yes |

| Circular Value                                   |   |
|--|---|
| Circular Design Principles<br>Recyclability Rate | Design for Closing Resource Loops - Standard EN45555 - 76.4 % |
| End of Life Instructions                         | 9AKK108468A2360   |
| Group Waste to Landfill<br>Target                | UL 2799 Zero Waste To Landfill Validation available           |

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## Eco Transparency

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|---|------------------------------------|
| Environmental Product Declaration - EPD | 9AKK108468A1900<br>9AKK108468A3028 |
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## Environmental

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|---------------------------|-----------------|
| Environmental Information | 9AKK108467A6707 |
|---------------------------|-----------------|

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## Material Compliance

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|---|--|
| REACH Declaration                           | 9AKK108466A1425  |
| RoHS Information                            | 9AKK108466A1424  |
| RoHS Status                                 | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658  |
| Toxic Substances Control Act - TSCA         | 9AKK108467A8326  |
| SCIP  | 5db9272f-d385-4a4a-a0e6-73274e7613b2 Italy (IT)                        |

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## Ordering

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|                          |                      |
|--------------------------|----------------------|
| Order Code US and Canada | Z1CQEGBA000A000000XX |
| EAN                      | 8015644746414        |
| Minimum Order Quantity   | 1 piece              |
| Customs Tariff Number    | 85362090             |

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## Dimensions

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|                            |        |
|----------------------------|--------|
| Product Net Width          | 210 mm |
| Product Net Height         | 296 mm |
| Product Net Depth / Length | 183 mm |
| Product Net Weight         | 14 kg  |

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## Container Information

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|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 270 mm        |
| Package Level 1 Height         | 350 mm        |
| Package Level 1 Depth / Length | 330 mm        |
| Package Level 1 Gross Weight   | 16 kg         |
| Package Level 1 EAN            | 8015644746414 |

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## Additional Information

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|                   |                     |
|-------------------|---------------------|
| Product Main Type | SACE Emax 2         |
| Product Name      | Air Circuit Breaker |
| Product Type      | Air Circuit Breaker |
| Version           | F                   |
| CAD Dimensional   | 1SDH001252R0001     |

## Drawing

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**Technical**


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|   |  |
|---|--|
| Current Type  | AC   |
| Electrical Durability   | U <sub>e</sub> =< 440 V 8000 cycle<br>U <sub>e</sub> = 500 ... 690 V 8000 cycle<br>30 cycles per hour  |
| Mechanical Durability   | 20000 cycle<br>60 cycles per hour  |
| Number of Poles   | 3  |
| Power Loss  | 78 W   |
| Rated Current (I <sub>n</sub> )   | 1000 A   |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> )                                       | acc. to IEC 60947-2 12 kV  |
| Rated Insulation Voltage (U <sub>i</sub> )  | AC 1000 V  |
| Rated Operational Voltage   | 690 V AC   |
| Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )                          | (220 V AC) 50 kA<br>(230 V AC) 50 kA<br>(380 V AC) 50 kA<br>(400 V AC) 50 kA<br>(415 V AC) 50 kA<br>(440 V AC) 50 kA<br>(500 V AC) 42 kA<br>(660 V AC) 42 kA<br>(690 V AC) 42 kA |
| Rated Service Short-Circuit Breaking Capacity, in % of I <sub>cu</sub> (I <sub>cs</sub> ) | 100 %  |
| Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )                         | for 1 s 42 kA<br>for 3 s 24 kA   |
| Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )                         | (400 V AC) 50 kA<br>(415 V AC) 50 kA<br>(440 V AC) 50 kA<br>(500 V AC) 42 kA<br>(525 V AC) 42 kA<br>(690 V AC) 42 kA   |
| Rated Uninterrupted Current (I <sub>u</sub> )   | 1000 A   |
| Rated Voltage (U <sub>r</sub> )   | 690 V  |
| Recommended Screw Driver  | Main Circuit M10   |
| Release   | Ekip Dip LI  |
| Release Type  | EL   |
| Short-Circuit Performance Level   | C  |
| Standards   | IEC  |
| Sub-type  | E1.2   |
| Terminal Connection Type  | Front  |
| Terminal Type   | Bolt   |
| Tightening Torque   | 45 N·m   |

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**Certificates and Declarations**


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|                                   |                         |
|-----------------------------------|-------------------------|
| ATEX Certificate                  | No certification needed |
| CSA Certificate                   | No certification needed |
| CSA Certificate (Intrinsic Safe)  | No certification needed |
| Data Sheet, Technical Information | 1SDC200023D0209         |
| Declaration of Conformity - CE    | 9AKK106713A5546         |

|                          |                         |
|--------------------------|-------------------------|
| UL Certificate           | No certification needed |
| VDE Certificate          | No certification needed |
| Mechanical Drawings      | 1SDH000999R0101         |
| Wiring Diagram           | 1SDM000091R0001         |
| Instructions and Manuals | 1SDH000999R0002         |

## Classifications

|                                    |  |
|------------------------------------|--|
| ETIM 8                             | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| ETIM 9                             | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| IDEA Granular Category Code (IGCC) | 4926 >> Air circuit breakers   |
| Object Classification Code         | Q  |
| UNSPSC                             | 39121615   |
| WEEE Category                      | 5. Small Equipment (No External Dimension More Than 50 cm)                   |
| eClass                             | V11.1 : 27370409   |

## Categories

Low Voltage Products and Systems → Circuit Breakers → Air Circuit Breakers → Emax 2

